

Abstract

A tool for multi-component injection molding of plastic toothbrush bodies 4 for toothbrushes has two tool halves 1, 1' which can be opened and closed. In one tool half 1 a linearly movable transfer device 6 is arranged. The hollow mold spaces 2 for injection molding the first component are formed exclusively by the two tool halves 1, 1'. For transferring the injection-molded blanks (3) in the second station, the transfer device 6 moves into the area of the injection-molded blanks 3, picks them up by vacuum suction cups 11, and transfers the injection-molded blanks 3 by linear movement into the second station.

(Fig. 1)